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ABSTRACT

The "Survey of Undergraduate Alumni" and the "Survey of Graduate Alumni" for the Department of Health Education at San Francisco State University (California) were developed and evaluated. The surveys were intended to measure alumni satisfaction with the programs in health education. Using a modified Delphi technique, a group of six faculty experts helped develop both surveys. Pilot testing was completed with 10 undergraduate and graduate alumni. Subsequent field testing was completed with 47 undergraduate and graduate alumni. Items on both surveys were grouped and tabulated with MINI-TAB. Statistical results are included in Appendix C. It can be concluded that both surveys are practical and useful methods of student alumni assessment. It can also be summarized that the undergraduate and graduate alumni are satisfied with their respective baccalaureate and master's degrees in health education. Appendixes A and B contain the survey instruments. (SLD)

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DARLENE YEE

TO THE EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC)"

REPORT ON THE DEVELOPMENT AND EVALUATION OF THE "SURVEY OF UNDERGRADUATE ALUMNI" AND THE "SURVEY OF GRADUATE ALUMNI" IN HEALTH EDUCATION AT SAN FRANCISCO STATE UNIVERSITY

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Report on the Development and Evaluation of the "Survey of Undergraduate Alumni" and the "Survey of Graduate Alumni" in the Department of Health Education at San Francisco State University, by Darlene Yee, Ed.D., CHES

Background:

The "Survey of Undergraduate Alumni" and the "Survey of Graduate Alumni" in the Department of Health Education at San Francisco State University (SFSU) were developed by Dr. Darlene Yee in early Spring 1992. Items were drawn and/or modified from the "Master's Level Alumni Questionnaire" developed by the Educational Testing Service (ETS). Both surveys went through a series of developmental stages, including pilot-testing and field-testing, which are described in this report. The developmental stages are discussed below, with acknowledgment of those who made them possible.

Pilot-Testing:

In mid Spring 1992, a group of six faculty experts was formed and both surveys were submitted to them in two phases (a modified Delphi Technique). In the first phase, they were asked for comments and suggestions on a preliminary draft of the "Survey of Undergraduate Alumni" or the "Survey of Graduate Alumni" in the Department of Health Education at SFSU. In the second phase, they were asked for comments and suggestions (additions, deletions, modifications) on a modified draft of both surveys. Grateful appreciation is extended to the six faculty experts for their input and time: Drs. Mary Beth Love, Hollis Matson, Rose Okello, Beverly Ovrebo, Cynthia Schuetz, and Susan Tapper.

In late Spring 1992, both surveys were mailed out to selected undergraduate and graduate alumni in the Department of Health Education at SFSU. A total of 10 surveys was completed; these data were collected and analyzed for item discrimination and validity. In addition, student alumni comments and suggestions for improving the surveys were incorporated. Appreciation is extended to Lucy Kosko (graduate assistant) for her administrative assistance and to the 10 undergraduate and graduate alumni for their cooperation and input.

Field-Testing:

In early Summer 1992, a final draft of both surveys (see **Appendix A** and **Appendix B**) were mailed out to a group of 142 undergraduate and graduate alumni who had completed their respective program within the last 5 years in the Department of

Health Education at SFSU. A total of 47 surveys was completed; these data were collected and analyzed by Dr. Darlene Yee for basic statistics using MINI-TAB (see **Appendix C**). In addition, student alumni comments and requests were noted. Appreciation is extended to David Glickman (graduate assistant) for his administrative assistance and to the 47 undergraduate and graduate alumni for their cooperation and input.

Results:

Survey of Undergraduate Alumni:

Twenty-one undergraduate alumni responded with 2 concentrating in allied health, 10 in community health education, and 9 in health studies. Program initiation and completion ranged from 1978 through 1992. Primary purposes in pursuing program were: preparation for professional or technical practice in the field (N=10), preparation for further graduate study (N=4), and personal enrichment (N=4). Most felt that the program satisfied their primary purposes for enrollment fairly well (N=11) or extremely well (N=8).

A majority (N=9) started new employment in health education. Annual income from employment and related professional activities ranged from 2 unemployed or looking for work to 3 earning $40,000-$49,000. Use of training in first position ranged from not at all (N=3) to a great deal (N=3) while use of training in current position ranged from not at all (N=6) to a great deal (N=1). A majority (N=13) strongly agreed that faculty members were genuinely interested in their welfare and professional development. A majority (N=11) strongly agreed that students worked hard to meet demands of the program.

A majority (N=16) strongly agreed that the department had a humane environment characterized by mutual respect between students and professors. A majority (N=18) strongly agreed that they learned a great deal as a student in the program. A majority (N=10) strongly agreed that they would advise friends with similar interests to study in the department/program. A majority (N=11) strongly agreed that students tended to support and help each other meet the academic demands of the program. A majority (N=11) strongly agreed that the department was an intellectually stimulating place to study.

A majority (N=12) strongly agreed that faculty members prepared carefully for their courses. A majority (N=7) slightly agreed that they would enroll in this program again. A majority (N=8) strongly agreed that the program provided very good preparation for later professional work. A majority (N=10) strongly agreed that members of the department worked together to achieve program goals. A majority (N=7) slightly agreed that the department was receptive to new ideas and ways of doing things. A

majority (N=11) strongly agreed that there was good communication between faculty and students about student needs, concerns, and suggestions.

Most rated intellectual environment as good (N=10) or excellent (N=9). A majority rated curricular and career advising as excellent (N=8). Most rated agreement between degree requirements and stated objectives of the program as good (N=10) or excellent (N=10). A majority rated overall adequacy of space and other facilities for classes and administration as fair (N=8). A majority rated scholarly and professional competency of the faculty in the program/department as excellent (N=15). A majority rated scholarly and professional promise of students who were in the program/department as good (N=9).

Most rated relevance of degree requirements to work in the field as good (N=8) or excellent (N=8). Most rated evaluation procedures used in courses as good (N=13). A majority rated teaching methods used in courses as excellent (N=12). A majority rated flexibility of the program to meet the needs of individual students as good (N=11). A majority rated opportunities for students to complete individual projects as excellent (N=10).

Undergraduate alumni were all female and citizens of the United States; ages ranged from 23 (N=2) through 57 (N=1). Ethnic affiliation included: 1 Black or Afro-American, 6 Asian or Pacific Islander, 13 White, and 1 Other (Chinese-Portuguese). A majority (N=8) indicated hospital/clinic as primary employment site.

Survey of Graduate Alumni:

Twenty-six graduate alumni responded with all concentrating in allied health. Program initiation and completion ranged from 1982 through 1992. Primary purposes in pursuing program were: preparation for scholarly research or teaching (N=9) and qualifying for higher pay or job advancement (N=8). Most felt that the program satisfied their primary purposes for enrollment fairly well (N=12) or extremely well (N=13).

A majority (N=17) continued employment in same position/ salary. Annual income from employment and related professional activities ranged from 1 earning $25,000-$29,999 to 11 earning $50,000 or above. Use of training in first position ranged from not at all (N=4) to a great deal (N=3) while use of training in current position ranged from not at all (N=2) to a great deal (N=6). A majority (N=18) strongly agreed that faculty members were genuinely interested in their welfare and professional development. A majority (N=18) strongly agreed that students worked hard to meet demands of the program.

A majority (N=13) strongly agreed that the department had a humane environment characterized by mutual respect between students

and professors. A majority (N=18) strongly agreed that they learned a great deal as a student in the program. A majority (N=17) strongly agreed that they would advise friends with similar interests to study in the department/program. A majority (N=16) strongly agreed that students tended to support and help each other meet the academic demands of the program. A majority (N=13) slightly agreed that the department was an intellectually stimulating place to study.

A majority (N=13) strongly agreed that faculty members prepared carefully for their courses. A majority (N=13) strongly agreed that they would enroll in this program again. A majority (N=14) slightly agreed that the program provided very good preparation for later professional work. A majority (N=11) strongly agreed that members of the department worked together to achieve program goals. A majority (N=11) strongly agreed that the department was receptive to new ideas and ways of doing things. A majority (N=12) strongly agreed that there was good communication between faculty and students about student needs, concerns, and suggestions.

Most rated intellectual environment as good (N=13) or excellent (N=11). A majority rated curricular and career advising as good (N=10). Most rated agreement between degree requirements and stated objectives of the program as excellent (N=17). A majority rated overall adequacy of space and other facilities for classes and administration as good (N=13). A majority rated scholarly and professional competency of the faculty in the program/department as excellent (N=19). A majority rated scholarly and professional promise of students who were in the program/department as good (N=11).

Most rated relevance of degree requirements to work in the field as good (N=15) or excellent (N=8). Most rated evaluation procedures used in courses as good (N=15). A majority rated teaching methods used in courses as good (N=14). A majority rated flexibility of the program to meet the needs of individual students as excellent (N=15). A majority rated opportunities for students to complete individual projects as excellent (N=19).

Graduate alumni included 4 male and 22 female. All are citizens of the United States and ranged in age from 31 (N=1) through 58 (N=1). Ethnic affiliation included: 1 Black or Afro-American, 4 Asian or Pacific Islander, 20 White, and 1 Other (Chinese-Hispanic). A majority (N=20) indicated hospital/clinic as primary employment site.

Summary:

A "Survey of Undergraduate Alumni" and a "Survey of Graduate Alumni" in the Department of Health Education at San Francisco State University (SFSU) has been developed and evaluated. Using a

modified Delphi technique, a group of faculty experts (N=6) helped to develop both surveys. Pilot-testing was completed with undergraduate and graduate alumni (N=10). Subsequent field-testing was completed with undergraduate and graduate alumni (N=47).

Items on both surveys were grouped and tabulated using MINI-TAB and statistical results are included in **Appendix C**. It can be concluded that the "Survey of Undergraduate Alumni" and the "Survey of Graduate Alumni" in the Department of Health Education at San Francisco State University (SFSU) are practical and useful methods of student alumni assessment. It can also be summarized that the undergraduate and graduate alumni are satisfied with their respective baccalaureate and master's degree in health education.

APPENDIX A:

SURVEY OF UNDERGRADUATE ALUMNI

IN HEALTH SCIENCES

San Francisco State University
1600 Holloway Avenue
San Francisco, California 94132

Department of Health Education
415/338-1413

July 1, 1992

Dear Undergraduate Alumni:

As a former student, your Department is interested in how well the baccaulaureate program met your needs. The only way we know to find out is to ask you. The information you provide will be used to help improve programs for your fellow students.

You may be assured of complete confidentiality if you so choose. The survey has an identification number for mailing purposes only. This is so we may check your name off of the mailing list when your survey is returned.

Although the information we are requesting is strictly voluntary, it is important that you try to answer all the questions. Please read each question carefully and mark an [X] in only one box for each question except where otherwise indicated.

I would be most happy to answer any questions you might have. Please write or call. The telephone number is (415) 338-7568. When you have completed the survey, please return it to me as soon as you can.

Thank you, in advance, for your help and time in the successful completion of the survey. I look forward to hearing from you.

Sincerely,

Darlene Yee

Darlene Yee, Ed.D., CHES
Associate Professor

Enclosure/

SAN FRANCISCO STATE UNIVERSITY
DEPARTMENT OF HEALTH EDUCATION

>>> SURVEY OF UNDERGRADUATE ALUMNI <<<

1. In what year did you first enroll in this baccaulaureate program? _____.

2. In what year did you receive your degree from this baccaulaureate program? _____.

3. In what concentration did you major?
   [ ] Allied Health
   [ ] Community Health Education
   [ ] Health Studies

4. Thinking back to the time when you were an undergraduate student in the Department of Health Education--

   A. What was your primary purpose in pursuing the Bachelor of Science (B.S.) degree? (Mark an [X] to indicate the <u>one</u> most important purpose.)

   [ ] Preparation for professional or technical practice in the field

   [ ] Preparation for scholarly research or teaching

   [ ] Preparation for graduate study

   [ ] Updating and improvement of professional or technical skills

   [ ] Qualifying for higher pay or job advancement

   [ ] Personal enrichment

   [ ] Other, specify: _____

   B. Overall, how well do you think your bachelor's degree program satisfied your primary purpose for enrollment, as indicated in the previous question?

   [ ] Not very well

   [ ] Fairly well

   [ ] Extremely well

5. Did you continue or start new employment when you completed undergraduate study in your baccaulaureate degree program? (Mark an [X] to indicate the best response/s.)

[ ] Continued employment in same position/salary

[ ] Continued employment in higher position/salary

[ ] Started new employment in health education

[ ] Started new employment in higher position/salary

6. What is your approximate annual income from employment and related professional activities (e.g. honoraria, royalties)? Include salary before deductions but without fringe benefits paid by the employer.

[ ] Unemployed or looking for work

[ ] Less than $10,000

[ ] $10,000 - $14,999

[ ] $15,000 - $19,999

[ ] $20,000 - $24,999

[ ] $25,000 - $29,999

[ ] $30,000 - $34,999

[ ] $35,000 - $39,999

[ ] $40,000 - $49,999

[ ] $50,000 or above

7. To what extent did your first position after your bachelor's degree make use of the training you received in your undergraduate program?

[ ] Not at all

[ ] Some, but not much

[ ] Quite a bit

[ ] A great deal

8. To what extent does your present position make use of the training you received in your undergraduate program?

[ ] Not at all

[ ] Some, but not much

[ ] Quite a bit

[ ] A great deal

9. To what extent do you agree with the following statements about your undergraduate program in which you studied for the B.S. degree? Please give your opinion based on your best recollection of your undergraduate school experiences. Circle <u>one</u> number for each statement: Strongly Disagree (1), Slightly Disagree (2), Neutral (3), Slightly Agree (4), Strongly Agree (5).

Faculty members were genuinely interested in the welfare and professional development of undergraduate students.....	1	2	3	4	5
Bachelor's students worked hard to meet demands of the undergraduate program.....	1	2	3	4	5
The department had a humane environment characterized by mutual respect between students and professors.....	1	2	3	4	5
I learned a great deal as a bachelor's student in the department/program.....	1	2	3	4	5
I would advise friends with similar interests to study in the department/program.....	1	2	3	4	5
Bachelor's students tended to support and help each other meet the academic demands of the program.....	1	2	3	4	5
The department was an intellectually stimulating place in which to study.....	1	2	3	4	5
Faculty members prepared carefully for their bachelor's level courses.....	1	2	3	4	5
If I were starting over, I'd enroll in this bachelor's program again.....	1	2	3	4	5
The program provided me with very good preparation for my later professional work.....	1	2	3	4	5

Members of the department worked together to achieve program goals..... 1 2 3 4 5

The department was receptive to new ideas and ways of doing things..... 1 2 3 4 5

There was good communication between faculty and bachelor's students about student needs, concerns, and suggestions..... 1 2 3 4 5

10. How would you rate your undergraduate faculty and your bachelor's level program? If an item listed below doesn't apply to you, or if you feel you cannot respond, skip the item.
Circle <u>one</u> number for each statement:
Poor (1), Fair (2), Good (3), Excellent (4).

Intellectual environment..... 1 2 3 4

Curricular and career advising..... 1 2 3 4

Agreement between degree requirements and stated objectives of the program..... 1 2 3 4

Overall adequacy of space and other facilities for classes and administration..... 1 2 3 4

Scholarly and professional competency of the faculty in the program/department..... 1 2 3 4

Scholarly and professional promise of bachelor's students who were in the program/department..... 1 2 3 4

Relevance of degree requirements to your work in the field..... 1 2 3 4

Evaluation procedures used in undergraduate courses (e.g. grades, papers)..... 1 2 3 4

Teaching methods used in undergraduate courses (e.g. lectures, seminars, audiovisual aids)..... 1 2 3 4

Flexibility of the program to meet the needs of individual bachelor's students..... 1 2 3 4

Opportunities for bachelor's students to pursue individual projects..... 1 2 3 4

11. What is your age? _____

12. What is your sex? [ ] Male
[ ] Female

13. Are you a United States citizen? [ ] Yes
[ ] No

14. How do you describe yourself?

[ ] American Indian, Inuit, or Aleut

[ ] Black or Afro-American

[ ] Mexican American or Chicano

[ ] Asian/Pacific American

[ ] Puerto Rican

[ ] Other Hispanic or Latin American

[ ] White

[ ] Other, specify: _____

15. What is your primary employment site?

[ ] Unemployed or looking for work

[ ] Elementary

[ ] Secondary

[ ] Community/Jr. College

[ ] College/University

[ ] Agency

[ ] Business/Industry

[ ] Hospital/Clinic

[ ] Recreation/Parks

[ ] Other, specify: _____

16. What is your primary position or title?

[ ] Unemployed or looking for work

[ ] Administrator

[ ] Counselor

[ ] Educator

[ ] Researcher

[ ] Other, specify: _____

17. Please print clearly (OPTIONAL):

Your Name: _____

Home Address: _____

_____

Home Phone #: (_____)_____

Please return the completed survey ASAP to:

Dr. Darlene Yee
Associate Professor
Department of Health Education
San Francisco State University
1600 Holloway Avenue
San Francisco, CA 94132

THANK YOU VERY MUCH FOR YOUR HELP!

APPENDIX B:

SURVEY OF GRADUATE ALUMNI

IN HEALTH SCIENCES

SFSU
San Francisco State University
1600 Holloway Avenue
San Francisco, California 94132

Department of Health Education
415/338-1413

July 1, 1992

Dear Graduate Alumni:

As a former student, your Department is interested in how well the master's program met your needs. The only way we know to find out is to ask you. The information you provide will be used to help improve programs for your fellow students.

You may be assured of complete confidentiality if you so choose. The survey has an identification number for mailing purposes only. This is so we may check your name off of the mailing list when your survey is returned.

Although the information we are requesting is strictly voluntary, it is important that you try to answer all the questions. Please read each question carefully and mark an [X] in only one box for each question except where otherwise indicated.

I would be most happy to answer any questions you might have. Please write or call. The telephone number is (415) 338-7568. When you have completed the survey, please return it to me as soon as you can.

Thank you, in advance, for your help and time in the successful completion of the survey. I look forward to hearing from you.

Sincerely,

Darlene Yee

Darlene Yee, Ed.D., CHES
Associate Professor

Enclosure/

SAN FRANCISCO STATE UNIVERSITY

DEPARTMENT OF HEALTH EDUCATION

>>> SURVEY OF GRADUATE ALUMNI <<<

1. In what year did you first enroll in this master's program? _____.

2. In what year did you receive your degree from this master's program? _____.

3. Thinking back to the time when you were a graduate student in the Department of Health Education--

A. What was your primary purpose in pursuing the Master of Science (M.S.) degree? (Mark an [X] to indicate the <u>one</u> most important purpose.)

[ ] Preparation for professional or technical practice in the field

[ ] Preparation for scholarly research or teaching

[ ] Preparation for further graduate study

[ ] Updating and improvement of professional or technical skills

[ ] Qualifying for higher pay or job advancement

[ ] Personal enrichment

[ ] Other, specify: _____

B. Overall, how well do you think your master's degree program satisfied your primary purpose for enrollment, as indicated in the previous question?

[ ] Not very well

[ ] Fairly well

[ ] Extremely well

4. Did you continue or start new employment when you completed graduate study in your master's degree program? (Mark an [X] to indicate the best response/s.)

[ ] Continued employment in same position/salary

[ ] Continued employment in higher position/salary

[ ] Started new employment in health education

[ ] Started new employment in higher position/salary

5. What is your approximate annual income from employment and related professional activities (e.g. honoraria, royalties)? Include salary before deductions but without fringe benefits paid by the employer.

[ ] Unemployed or looking for work

[ ] Less than $10,000

[ ] $10,000 - $14,999

[ ] $15,000 - $19,999

[ ] $20,000 - $24,999

[ ] $25,000 - $29,999

[ ] $30,000 - $34,999

[ ] $35,000 - $39,999

[ ] $40,000 - $49,999

[ ] $50,000 or above

6. To what extent did your first position after your master's degree make use of the training you received in your graduate program?

[ ] Not at all

[ ] Some, but not much

[ ] Quite a bit

[ ] A great deal

7. To what extent does your present position make use of the training you received in your graduate program?

[ ] Not at all

[ ] Some, but not much

[ ] Quite a bit

[ ] A great deal

8. To what extent do you agree with the following statements about your graduate program in which you studied for the M.S. degree? Please give your opinion based on your best recollection of your graduate school experiences.
Circle <u>one</u> number for each statement:
Strongly Disagree (1), Slightly Disagree (2), Neutral (3), Slightly Agree (4), Strongly Agree (5).

Faculty members were genuinely interested in the welfare and professional development of graduate students.....	1	2	3	4	5
Master's students worked hard to meet demands of the graduate program.....	1	2	3	4	5
The department had a humane environment characterized by mutual respect between students and professors.....	1	2	3	4	5
I learned a great deal as a master's student in the department/program.....	1	2	3	4	5
I would advise friends with similar interests to study in the department/program.....	1	2	3	4	5
Master's students tended to support and help each other meet the academic demands of the program.....	1	2	3	4	5
The department was an intellectually stimulating place in which to study.....	1	2	3	4	5
Faculty members prepared carefully for their master's level courses.....	1	2	3	4	5
If I were starting over, I'd enroll in this master's program again.....	1	2	3	4	5
The program provided me with very good preparation for my later professional work.....	1	2	3	4	5

Members of the department worked together to achieve program goals..... 1 2 3 4 5

The department was receptive to new ideas and ways of doing things..... 1 2 3 4 5

There was good communication between faculty and master's students about student needs, concerns, and suggestions..... 1 2 3 4 5

9. How would you rate your graduate faculty and your master's level program? If an item listed below doesn't apply to you, or if you feel you cannot respond, skip the item. Circle <u>one</u> number for each statement: Poor (1), Fair (2), Good (3), Excellent (4).

Intellectual environment..... 1 2 3 4

Curricular and career advising..... 1 2 3 4

Agreement between degree requirements and stated objectives of the program..... 1 2 3 4

Overall adequacy of space and other facilities for classes and administration..... 1 2 3 4

Scholarly and professional competency of the faculty in the program/department..... 1 2 3 4

Scholarly and professional promise of master's students who were in the program/department..... 1 2 3 4

Relevance of degree requirements to your work in the field..... 1 2 3 4

Evaluation procedures used in graduate courses (e.g. grades, papers)..... 1 2 3 4

Teaching methods used in graduate courses (e.g. lectures, seminars, audiovisual aids)..... 1 2 3 4

Flexibility of the program to meet the needs of individual master's students..... 1 2 3 4

Opportunities for master's students to complete individual projects..... 1 2 3 4

10. What is your age? _____

11. What is your sex? [ ] Male
[ ] Female

12. Are you a United States citizen? [ ] Yes
[ ] No

13. How do you describe yourself?

[ ] American Indian, Inuit, or Aleut

[ ] Black or Afro-American

[ ] Mexican American or Chicano

[ ] Asian/Pacific American

[ ] Puerto Rican

[ ] Other Hispanic or Latin American

[ ] White

[ ] Other, specify: _____

14. What is your primary employment site?

[ ] Unemployed or looking for work

[ ] Elementary

[ ] Secondary

[ ] Community/Jr. College

[ ] College/University

[ ] Agency

[ ] Business/Industry

[ ] Hospital/Clinic

[ ] Recreation/Parks

[ ] Other, specify: _____

15. What is your primary position or title?

[ ] Unemployed or looking for work

[ ] Administrator

[ ] Counselor

[ ] Educator

[ ] Researcher

[ ] Other, specify: _____

16. Please print clearly (OPTIONAL):

Your Name: _____

Home Address: _____

_____

Home Phone #: (_____)_____

Please return the completed survey ASAP to:

Dr. Darlene Yee
Associate Professor
Department of Health Education
San Francisco State University
1600 Holloway Avenue
San Francisco, CA 94132

THANK YOU VERY MUCH FOR YOUR HELP!

APPENDIX C:

SURVEY RESULTS

USING MINI-TAB

*** THE FOLLOWING ARE TABLES WHICH GIVE COUNTS AND PERCENTS FOR GRADUATE, UNDERGRADUATE, AND TOTAL STUDENTS. THE ORGANIZATION OF EACH CELL IS INDICATED. THEY GENERALLY ARE COUNT, COL%, ROW%, AND TOTAL %. THE COLUMN PERCENT IS COUNT FOR THE CELL DIVIDED BY THE
TOTAL NUMBER IN THE COLUMN, THE ROW% IS THE COUNT DIVIDED BY THE TOTAL NUMBER IN THE ROW, AND TOTAL % IS THE COUNT DIVIDED BY THE TOTAL NUMBER OF ALL CASES.

I TRIED TO KEEP THE ORDER THE SAME. THE ORDER IS IN THE COMMAND, AND ALSO AT THE END OF EACH VARIABLES TABLE. IT GIVES YOU ALL YOU REQUESTED.

```
MTB > TABLE C1 BY C39; SUBC> COUNT; SUBC> COLP; SUBC> ROWP; SUBC> TOTP.
```

C1 or Q1

ROWS: STRTDATE COLUMNS: GRADUATE

	1	2	ALL
1978	2	0	2
	9.52	--	4.26
	100.00	--	100.00
	4.26	--	4.26
1982	0	2	2
	--	7.69	4.26
	--	100.00	100.00
	--	4.26	4.26
1983	0	2	2
	--	7.69	4.26
	--	100.00	100.00
	--	4.26	4.26
1984	0	3	3
	--	11.54	6.38
	--	100.00	100.00
	--	6.38	6.38
1985	5	4	9
	23.81	15.38	19.15
	55.56	44.44	100.00
	10.64	8.51	19.15
1986	3	1	4
	14.29	3.85	8.51
	75.00	25.00	100.00
	6.38	2.13	8.51
1987	4	5	9
	19.05	19.23	19.15
	44.44	55.56	100.00
	8.51	10.64	19.15
1988	1	8	9
	4.76	30.77	19.15
	11.11	88.89	100.00
	2.13	17.02	19.15

```
1989        4         1         5
         19.05      3.85     10.64
         80.00     20.00    100.00
          8.51      2.13     10.64

1990        2         0         2
          9.52        --      4.26
        100.00        --    100.00
          4.26        --      4.26

ALL        21        26        47
        100.00    100.00    100.00
         44.68     55.32    100.00
         44.68     55.32    100.00
 CELL CONTENTS --
                   COUNT
                   % OF COL
                   % OF ROW
                   % OF TBL
```

← tells cell organization for preceding variable

```
MTB > TABLE C2 BY C39; SUBC> COUNT; SUBC> COLP; SUBC> ROWP; SUBC> TOTP.

ROWS: ENDDATE      COLUMNS: GRADUATE

              1         2       ALL

1982          1         0         1
           4.76        --      2.13
         100.00        --    100.00
           2.13        --      2.13

1988          4         0         4
          19.05        --      8.51
         100.00        --    100.00
           8.51        --      8.51

1989          4         0         4
          19.05        --      8.51
         100.00        --    100.00
           8.51        --      8.51


1990          3         3         6
          14.29     11.54     12.77
          50.00     50.00    100.00
           6.38      6.38     12.77

1991          5         9        14
          23.81     34.62     29.79
          35.71     64.29    100.00
          10.64     19.15     29.79

1992          4        14        18
          19.05     53.85     38.30
          22.22     77.78    100.00
           8.51     29.79     38.30

ALL          21        26        47
         100.00    100.00    100.00
          44.68     55.32    100.00
          44.68     55.32    100.00

CELL CONTENTS --
                   COUNT    % OF COL    % OF ROW      % OF TBL
```

```
MTB > TABLE C3 BY C39; SUBC> COUNT; SUBC> COLP; SUBC> ROWP; SUBC> TOTP.
```

C3 = Q3

ROWS: PRIMPURP COLUMNS: GRADUATE

	1	2	ALL
1	10	4	14
	47.62	15.38	29.79
	71.43	28.57	100.00
	21.28	8.51	29.79
2	2	9	11
	9.52	34.62	23.40
	18.18	81.82	100.00
	4.26	19.15	23.40
3	4	0	4
	19.05	--	8.51
	100.00	--	100.00
	8.51	--	8.51
4	0	4	4
	--	15.38	8.51
	--	100.00	100.00
	--	8.51	8.51
5	1	8	9
	4.76	30.77	19.15
	11.11	88.89	100.00
	2.13	17.02	19.15
6	4	0	4
	19.05	--	8.51
	100.00	--	100.00
	8.51	--	8.51
7	0	1	1
	--	3.85	2.13
	--	100.00	100.00
	--	2.13	2.13
ALL	21	26	47
	100.00	100.00	100.00
	44.68	55.32	100.00
	44.68	55.32	100.00

CELL CONTENTS --
COUNT % OF COL % OF ROW % OF TBL

```
MTB > TABLE C4 BY C39; SUBC> COUNT; SUBC> COLP; SUBC> ROWP; SUBC> TOTP.

 ROWS: PURPSAT      COLUMNS: GRADUATE

              1         2       ALL

 1            2         1         3
          9.52      3.85      6.38
         66.67     33.33    100.00
          4.26      2.13      6.38

 2           11        12        23
         52.38     46.15     48.94
         47.83     52.17    100.00
         23.40     25.53     48.94


 3            8        13        21
         38.10     50.00     44.68
         38.10     61.90    100.00
         17.02     27.66     44.68

 ALL         21        26        47
        100.00    100.00    100.00
         44.68     55.32    100.00
         44.68     55.32    100.00

  CELL CONTENTS --
                    COUNT        % OF COL       % OF ROW       % OF TBL

MTB > TABLE C4 BY C39; SUBC> COUNT; SUBC> COLP; SUBC> ROWP; SUBC> TOTP.

 ROWS: PURPSAT      COLUMNS: GRADUATE

              1         2       ALL

 1            2         1         3
          9.52      3.85      6.38
         66.67     33.33    100.00
          4.26      2.13      6.38

 2           11        12        23
         52.38     46.15     48.94
         47.83     52.17    100.00
         23.40     25.53     48.94

 3            8        13        21
         38.10     50.00     44.68
         38.10     61.90    100.00
         17.02     27.66     44.68


 ALL         21        26        47
        100.00    100.00    100.00
         44.68     55.32    100.00
         44.68     55.32    100.00

  CELL CONTENTS --
                    COUNT          % OF COL        % OF ROW          % OF TBL

MTB > TABLE C5 BY C39; SUBC> COUNT; SUBC> COLP; SUBC> ROWP; SUBC> TOTP.
```

```
ROWS: EMPLYCHG      COLUMNS: GRADUATE

             1         2       ALL

 1          7        17        24
        33.33     65.38     51.06
        29.17     70.83    100.00
        14.89     36.17     51.06

 2          1         5         6
         4.76     19.23     12.77
        16.67     83.33    100.00
         2.13     10.64     12.77

 3          9         0         9
        42.86        --     19.15
       100.00        --    100.00
        19.15        --     19.15


 4          4         4         8
        19.05     15.38     17.02
        50.00     50.00    100.00
         8.51      8.51     17.02

ALL        21        26        47
       100.00    100.00    100.00
        44.68     55.32    100.00
        44.68     55.32    100.00

 CELL CONTENTS --
                  COUNT
                  % OF COL
                  % OF ROW
                  % OF TBL
```

```
MTB > TABLE C6 BY C39; SUBC> COUNT; SUBC> COLP; SUBC> ROWP; SUBC> TOTP.
```

```
ROWS: INCOME      COLUMNS: GRADUATE

             1         2       ALL

 1          2         0         2
         9.52        --      4.26
       100.00        --    100.00
         4.26        --      4.26

 2          3         0         3
        14.29        --      6.38
       100.00        --    100.00
         6.38        --      6.38
```

(CONTINUED)

	1	2	ALL
3	1	0	1
	4.76	--	2.13
	100.00	--	100.00
	2.13	--	2.13
4	2	0	2
	9.52	--	4.26
	100.00	--	100.00
	4.26	--	4.26
5	3	0	3
	14.29	--	6.38
	100.00	--	100.00
	6.38	--	6.38
6	3	1	4
	14.29	3.85	8.51
	75.00	25.00	100.00
	6.38	2.13	8.51
7	3	0	3
	14.29	--	6.38
	100.00	--	100.00
	6.38	--	6.38
8	1	7	8
	4.76	26.92	17.02
	12.50	87.50	100.00
	2.13	14.89	17.02
9	3	7	10
	14.29	26.92	21.28
	30.00	70.00	100.00
	6.38	14.89	21.28
10	0	11	11
	--	42.31	23.40
	--	100.00	100.00
	--	23.40	23.40
ALL	21	26	47
	100.00	100.00	100.00
	44.68	55.32	100.00
	44.68	55.32	100.00

CELL CONTENTS --
COUNT % OF COL % OF ROW % OF TBL

```
MTB > TABLE C7 BY C39; SUBC> COUNT; SUBC> COLP; SUBC> ROWP; SUBC> TOTP.

 ROWS: FRSTPSTN      COLUMNS: GRADUATE

            1         2       ALL

 1          3         4         7
        14.29     15.38     14.89
        42.86     57.14    100.00
         6.38      8.51     14.89

 2          8         9        17
        38.10     34.62     36.17
        47.06     52.94    100.00
        17.02     19.15     36.17

 3          7        10        17
        33.33     38.46     36.17
        41.18     58.82    100.00
        14.89     21.28     36.17

 4          3         3         6
        14.29     11.54     12.77
        50.00     50.00    100.00
         6.38      6.38     12.77

 ALL       21        26        47
       100.00    100.00    100.00
        44.68     55.32    100.00
        44.68     55.32    100.00

  CELL CONTENTS --
                  COUNT          % OF COL       % OF ROW        % OF TBL

MTB > TABLE C8 BY C39; SUBC> COUNT; SUBC> COLP; SUBC> ROWP; SUBC> TOTP.

 ROWS: USEINPOS      COLUMNS: GRADUATE

            1         2       ALL

 1          6         2         8
        28.57      7.69     17.02
        75.00     25.00    100.00
        12.77      4.26     17.02

 2          9        12        21
        42.86     46.15     44.68
        42.86     57.14    100.00
        19.15     25.53     44.68

 3          5         7        12
        23.81     26.92     25.53
        41.67     58.33    100.00
        10.64     14.89     25.53

 4          1         5         6
         4.76     19.23     12.77
        16.67     83.33    100.00
         2.13     10.64     12.77
```

(CONTINUED)

```
          1        2      ALL

ALL      21       26       47
      100.00   100.00   100.00
       44.68    55.32   100.00
       44.68    55.32   100.00

 CELL CONTENTS --
                COUNT        % OF COL      % OF ROW        % OF TBL
```

```
MTB > TABLE C9 BY C39; SUBC> COUNT; SUBC> COLP; SUBC> ROWP; SUBC> TOTP.
```

```
 ROWS: FCLTYINT     COLUMNS: GRADUATE

          1        2      ALL

 2        1        0        1
      4.76       --     2.13
    100.00       --   100.00
      2.13       --     2.13

 3        2        1        3
      9.52     3.85     6.38
     66.67    33.33   100.00
      4.26     2.13     6.38

 4        5        7       12
     23.81    26.92    25.53
     41.67    58.33   100.00
     10.64    14.89    25.53

 5       13       18       31
     61.90    69.23    65.96
     41.94    58.06   100.00
     27.66    38.30    65.96

 ALL     21       26       47
    100.00   100.00   100.00
     44.68    55.32   100.00
     44.68    55.32   100.00

 CELL CONTENTS --
                COUNT        % OF COL        % OF ROW        % OF TBL
```

```
MTB > TABLE C10 BY C39; SUBC> COUNT; SUBC> COLP; SUBC> ROWP; SUBC> TOTP.
```

```
 ROWS: WORKHARD     COLUMNS: GRADUATE

          1        2      ALL

 2        1        0        1
      4.76       --     2.13
    100.00       --   100.00
      2.13       --     2.13

 3        4        0        4
     19.05       --     8.51
    100.00       --   100.00
      8.51       --     8.51
```

(CONTINUED)

```
             1         2       ALL

 4           5         8        13
         23.81     30.77     27.66
         38.46     61.54    100.00
         10.64     17.02     27.66


 5          11        18        29
         52.38     69.23     61.70
         37.93     62.07    100.00
         23.40     38.30     61.70

ALL         21        26        47
        100.00    100.00    100.00
         44.68     55.32    100.00
         44.68     55.32    100.00

 CELL CONTENTS --
                    COUNT          % OF COL        % OF ROW        % OF TBL
```

```
MTB > TABLE C11 BY C39; SUBC> COUNT; SUBC> COLP; SUBC> ROWP; SUBC> TOTP.
```

```
 ROWS: DHEENVNT      COLUMNS: GRADUATE

             1         2       ALL

 2           1         0        1
          4.76        --     2.13
        100.00        --   100.00
          2.13        --     2.13

 3           1         1        2
          4.76      3.85     4.26
         50.00     50.00   100.00
          2.13      2.13     4.26

 4           3        12       15
         14.29     46.15    31.91
         20.00     80.00   100.00
          6.38     25.53    31.91


 5          16        13       29
         76.19     50.00    61.70
         55.17     44.83   100.00
         34.04     27.66    61.70

ALL         21        26       47
        100.00    100.00   100.00
         44.68     55.32   100.00
         44.68     55.32   100.00

 CELL CONTENTS --
                    COUNT
                    % OF COL
                    % OF ROW
                    % OF TBL
```

```
MTB > TABLE C12 BY C39; SUBC> COUNT; SUBC> COLP; SUBC> ROWP; SUBC> TOTP.

 ROWS: LEARNED      COLUMNS: GRADUATE

            1         2       ALL

 3          1         2         3
         4.76      7.69      6.38
        33.33     66.67    100.00
         2.13      4.26      6.38

 4          2         6         8
         9.52     23.08     17.02
        25.00     75.00    100.00
         4.26     12.77     17.02

 5         18        18        36
        85.71     69.23     76.60
        50.00     50.00    100.00
        38.30     38.30     76.60


 ALL       21        26        47
       100.00    100.00    100.00
        44.68     55.32    100.00
        44.68     55.32    100.00

  CELL CONTENTS --
                  COUNT
                  % OF COL
                  % OF ROW
                  % OF TBL

MTB > TABLE C13 BY C39; SUBC> COUNT; SUBC> COLP; SUBC> ROWP; SUBC> TOTP.

 ROWS: FRIENDS      COLUMNS: GRADUATE

            1         2       ALL

 1          1         1         2
         4.76      3.85      4.26
        50.00     50.00    100.00
         2.13      2.13      4.26

 2          3         0         3
        14.29        --      6.38
       100.00        --    100.00
         6.38        --      6.38

 3          0         2         2
           --      7.69      4.26
           --    100.00    100.00
           --      4.26      4.26


 4          7         6        13
        33.33     23.08     27.66
        53.85     46.15    100.00
        14.89     12.77     27.66
```

(CONTINUED)

```
             1        2      ALL

5           10       17       27
         47.62    65.38    57.45
         37.04    62.96   100.00
         21.28    36.17    57.45

ALL         21       26       47
        100.00   100.00   100.00
         44.68    55.32   100.00
         44.68    55.32   100.00

 CELL CONTENTS --
                COUNT          % OF COL          % OF ROW          % OF TBL
```

```
MTB > TABLE C14 BY C39; SUBC> COUNT; SUBC> COLP; SUBC> ROWP; SUBC> TOTP.
```

```
 ROWS: SUPPORT      COLUMNS: GRADUATE

             1        2      ALL

2            2        0        2
         9.52       --     4.26
       100.00       --   100.00
         4.26       --     4.26

3            2        2        4
         9.52     7.69     8.51
        50.00    50.00   100.00
         4.26     4.26     8.51

4            6        8       14
        28.57    30.77    29.79
        42.86    57.14   100.00
        12.77    17.02    29.79


5           11       16       27
        52.38    61.54    57.45
        40.74    59.26   100.00
        23.40    34.04    57.45

ALL         21       26       47
       100.00   100.00   100.00
        44.68    55.32   100.00
        44.68    55.32   100.00

 CELL CONTENTS --
                COUNT          % OF COL          % OF ROW          % OF TBL
```

```
MTB > TABLE C15 BY C39; SUBC> COUNT; SUBC> COLP; SUBC> ROWP; SUBC> TOTP.

 ROWS: INTLSTIM     COLUMNS: GRADUATE

              1         2       ALL

 2            0         1         1
             --      3.85      2.13
             --    100.00    100.00
             --      2.13      2.13

 3            5         1         6
         23.81      3.85     12.77
         83.33     16.67    100.00
         10.64      2.13     12.77

 4            5        13        18
         23.81     50.00     38.30
         27.78     72.22    100.00
         10.64     27.66     38.30


 5           11        11        22
         52.38     42.31     46.81
         50.00     50.00    100.00
         23.40     23.40     46.81

 ALL         21        26        47
        100.00    100.00    100.00
         44.68     55.32    100.00
         44.68     55.32    100.00

  CELL CONTENTS --
                  COUNT        % OF COL      % OF ROW      % OF TBL
```

```
MTB > TABLE C16 BY C39; SUBC> COUNT; SUBC> COLP; SUBC> ROWP; SUBC> TOTP.

 ROWS: PREPARED     COLUMNS: GRADUATE

              1         2       ALL

 2            1         0         1
          4.76        --      2.13
        100.00        --    100.00
          2.13        --      2.13

 3            3         1         4
         14.29      3.85      8.51
         75.00     25.00    100.00
          6.38      2.13      8.51

 4            5        12        17
         23.81     46.15     36.17
         29.41     70.59    100.00
         10.64     25.53     36.17
```

```
             1        2      ALL

5           12       13       25
         57.14    50.00    53.19
         48.00    52.00   100.00
         25.53    27.66    53.19

ALL         21       26       47
        100.00   100.00   100.00
         44.68    55.32   100.00
         44.68    55.32   100.00

 CELL CONTENTS --
                  COUNT       % OF COL          % OF ROW          % OF TBL
```

```
MTB > TABLE C17 BY C39; SUBC> COUNT; SUBC> COLP; SUBC> ROWP; SUBC> TOTP.
```

```
 ROWS: REENROLL      COLUMNS: GRADUATE

             1        2      ALL

 1           1        2        3
          4.76     7.69     6.38
         33.33    66.67   100.00
          2.13     4.26     6.38

 2           2        0        2
          9.52       --     4.26
        100.00       --   100.00
          4.26       --     4.26

 3           5        3        8
         23.81    11.54    17.02
         62.50    37.50   100.00
         10.64     6.38    17.02


 4           7        8       15
         33.33    30.77    31.91
         46.67    53.33   100.00
         14.89    17.02    31.91

 5           6       13       19
         28.57    50.00    40.43
         31.58    68.42   100.00
         12.77    27.66    40.43

 ALL        21       26       47
        100.00   100.00   100.00
         44.68    55.32   100.00
         44.68    55.32   100.00

 CELL CONTENTS --
                  COUNT          % OF COL       % OF ROW    % OF TBL
```

```
MTB > TABLE C18 BY C39; SUBC> COUNT; SUBC> COLP; SUBC> ROWP; SUBC> TOTP.

ROWS: PREPARTN      COLUMNS: GRADUATE

          1         2       ALL

1         2         0         2
       9.52        --      4.26
     100.00        --    100.00
       4.26        --      4.26

2         3         1         4
      14.29      3.85      8.51
      75.00     25.00    100.00
       6.38      2.13      8.51

3         4         2         6
      19.05      7.69     12.77
      66.67     33.33    100.00
       8.51      4.26     12.77

4         4        14        18
      19.05     53.85     38.30
      22.22     77.78    100.00
       8.51     29.79     38.30

5         8         9        17
      38.10     34.62     36.17
      47.06     52.94    100.00
      17.02     19.15     36.17

ALL      21        26        47
     100.00    100.00    100.00
      44.68     55.32    100.00
      44.68     55.32    100.00

 CELL CONTENTS --
                COUNT          % OF COL          % OF ROW          % OF TBL

MTB > TABLE C18 BY C39; SUBC> COUNT; SUBC> COLP; SUBC> ROWP; SUBC> TOTP.

ROWS: PREPARTN      COLUMNS: GRADUATE

          1         2       ALL

1         2         0         2
       9.52        --      4.26
     100.00        --    100.00
       4.26        --      4.26

2         3         1         4
      14.29      3.85      8.51
      75.00     25.00    100.00
       6.38      2.13      8.51
```

(continued)

	1	2	ALL
3	4	2	6
	19.05	7.69	12.77
	66.67	33.33	100.00
	8.51	4.26	12.77
4	4	14	18
	19.05	53.85	38.30
	22.22	77.78	100.00
	8.51	29.79	38.30
5	8	9	17
	38.10	34.62	36.17
	47.06	52.94	100.00
	17.02	19.15	36.17
ALL	21	26	47
	100.00	100.00	100.00
	44.68	55.32	100.00
	44.68	55.32	100.00

CELL CONTENTS -- COUNT % OF COL % OF ROW % OF TBL

```
MTB > TABLE C19 BY C39; SUBC> COUNT; SUBC> COLP; SUBC> ROWP; SUBC> TOTP.
```

ROWS: PRGMGOAL COLUMNS: GRADUATE

	1	2	ALL
2	1	0	1
	4.76	--	2.13
	100.00	--	100.00
	2.13	--	2.13
3	6	4	10
	28.57	15.38	21.28
	60.00	40.00	100.00
	12.77	8.51	21.28
4	4	11	15
	19.05	42.31	31.91
	26.67	73.33	100.00
	8.51	23.40	31.91
5	10	11	21
	47.62	42.31	44.68
	47.62	52.38	100.00
	21.28	23.40	44.68
ALL	21	26	47
	100.00	100.00	100.00
	44.68	55.32	100.00
	44.68	55.32	100.00

CELL CONTENTS -- COUNT % OF COL % OF ROW % OF TBL

```
MTB > TABLE C20 BY C39; SUBC> COUNT; SUBC> COLP; SUBC> ROWP; SUBC> TOTP.

 ROWS: RECEPTIV      COLUMNS: GRADUATE

            1          2        ALL

 1          0          1          1
           --       3.85       2.13
           --     100.00     100.00
           --       2.13       2.13

 2          2          1          3
         9.52       3.85       6.38
        66.67      33.33     100.00
         4.26       2.13       6.38

 3          6          5         11
        28.57      19.23      23.40
        54.55      45.45     100.00
        12.77      10.64      23.40

 4          7          8         15
        33.33      30.77      31.91
        46.67      53.33     100.00
        14.89      17.02      31.91

 5          6         11         17
        28.57      42.31      36.17
        35.29      64.71     100.00
        12.77      23.40      36.17

 ALL       21         26         47
       100.00     100.00     100.00
        44.68      55.32     100.00
        44.68      55.32     100.00

  CELL CONTENTS --
                 COUNT          % OF COL          % OF ROW          % OF TBL

MTB > TABLE C21 BY C39; SUBC> COUNT; SUBC> COLP; SUBC> ROWP; SUBC> TOTP.

 ROWS: COMMNCTN      COLUMNS: GRADUATE

            1          2        ALL

 2          1          1          2
         4.76       3.85       4.26
        50.00      50.00     100.00
         2.13       2.13       4.26

 3          4          4          8
        19.05      15.38      17.02
        50.00      50.00     100.00
         8.51       8.51      17.02

 4          5          9         14
        23.81      34.62      29.79
        35.71      64.29     100.00
        10.64      19.15      29.79
```

(CONTINUED)

```
             1         2       ALL

5           11        12        23
         52.38     46.15     48.94
         47.83     52.17    100.00
         23.40     25.53     48.94

ALL         21        26        47
        100.00    100.00    100.00
         44.68     55.32    100.00
         44.68     55.32    100.00

 CELL CONTENTS --
                  COUNT          % OF COL        % OF ROW       % OF TBL
```

```
MTB > TABLE C22 BY C39; SUBC> COUNT; SUBC> COLP; SUBC> ROWP; SUBC> TOTP.
```

```
 ROWS: INTENVMT      COLUMNS: GRADUATE

             1         2       ALL

 1           1         0         1
          4.76        --      2.13
        100.00        --    100.00
          2.13        --      2.13

 2           1         2         3
          4.76      7.69      6.38
         33.33     66.67    100.00
          2.13      4.26      6.38

 3          10        13        23
         47.62     50.00     48.94
         43.48     56.52    100.00
         21.28     27.66     48.94

 4           9        11        20
         42.86     42.31     42.55
         45.00     55.00    100.00
         19.15     23.40     42.55

ALL         21        26        47
        100.00    100.00    100.00
         44.68     55.32    100.00
         44.68     55.32    100.00

 CELL CONTENTS --
                  COUNT
                  % OF COL
                  % OF ROW
                  % OF TBL
```

```
MTB > TABLE C23 BY C39; SUBC> COUNT; SUBC> COLP; SUBC> ROWP; SUBC> TOTP.

 ROWS: ADVISING     COLUMNS: GRADUATE

            1         2       ALL

 1          2         4         6
         9.52     15.38     12.77
        33.33     66.67    100.00
         4.26      8.51     12.77

 2          5         7        12
        23.81     26.92     25.53
        41.67     58.33    100.00
        10.64     14.89     25.53

 3          6        10        16
        28.57     38.46     34.04
        37.50     62.50    100.00
        12.77     21.28     34.04

 4          8         5        13
        38.10     19.23     27.66
        61.54     38.46    100.00
        17.02     10.64     27.66

ALL        21        26        47
       100.00    100.00    100.00
        44.68     55.32    100.00
        44.68     55.32    100.00

  CELL CONTENTS --
                  COUNT       % OF COL       % OF ROW          % OF TBL

MTB > TABLE C24 BY C39; SUBC> COUNT; SUBC> COLP; SUBC> ROWP; SUBC> TOTP.

 ROWS: AGREEMNT     COLUMNS: GRADUATE

            1         2       ALL

 2          1         2         3
         4.76      7.69      6.38
        33.33     66.67    100.00
         2.13      4.26      6.38

 3         10         7        17
        47.62     26.92     36.17
        58.82     41.18    100.00
        21.28     14.89     36.17

 4         10        17        27
        47.62     65.38     57.45
        37.04     62.96    100.00
        21.28     36.17     57.45

ALL        21        26        47
       100.00    100.00    100.00
        44.68     55.32    100.00
        44.68     55.32    100.00
```

```
 CELL CONTENTS --
                    COUNT        % OF COL        % OF ROW        % OF TBL

MTB > TABLE C25 BY C39; SUBC> COUNT; SUBC> COLP; SUBC> ROWP; SUBC> TOTP.

 ROWS: SPACE      COLUMNS: GRADUATE

            1         2       ALL

 1          1         0         1
         4.76        --      2.13
       100.00        --    100.00
         2.13        --      2.13

 2          8         4        12
        38.10     15.38     25.53
        66.67     33.33    100.00
        17.02      8.51     25.53

 3          7        13        20
        33.33     50.00     42.55
        35.00     65.00    100.00
        14.89     27.66     42.55

 4          5         9        14
        23.81     34.62     29.79
        35.71     64.29    100.00
        10.64     19.15     29.79

 ALL       21        26        47
       100.00    100.00    100.00
        44.68     55.32    100.00
        44.68     55.32    100.00

 CELL CONTENTS --
                    COUNT        % OF COL        % OF ROW        % OF TBL

MTB > TABLE C26 BY C39; SUBC> COUNT; SUBC> COLP; SUBC> ROWP; SUBC> TOTP.

 ROWS: COMPTNT    COLUMNS: GRADUATE

            1         2       ALL

 1          1         0         1
         4.76        --      2.13
       100.00        --    100.00
         2.13        --      2.13

 2          1         1         2
         4.76      3.85      4.26
        50.00     50.00    100.00
         2.13      2.13      4.26

 3          4         6        10
        19.05     23.08     21.28
        40.00     60.00    100.00
         8.51     12.77     21.28
```

(CONTINUED)

```
          1         2       ALL

4        15        19        34
      71.43     73.08     72.34
      44.12     55.88    100.00
      31.91     40.43     72.34

ALL      21        26        47
     100.00    100.00    100.00
      44.68     55.32    100.00
      44.68     55.32    100.00

 CELL CONTENTS --
                COUNT          % OF COL     % OF ROW          % OF TBL
```

```
MTB > TABLE C27 BY C39; SUBC> COUNT; SUBC> COLP; SUBC> ROWP; SUBC> TOTP.
```

```
 ROWS: STUDENTS      COLUMNS: GRADUATE

            1         2       ALL

 1          3         2         5
        14.29      7.69     10.64
        60.00     40.00    100.00
         6.38      4.26     10.64

 2          5         3         8
        23.81     11.54     17.02
        62.50     37.50    100.00
        10.64      6.38     17.02

 3          9        11        20
        42.86     42.31     42.55
        45.00     55.00    100.00
        19.15     23.40     42.55

 4          4        10        14
        19.05     38.46     29.79
        28.57     71.43    100.00
         8.51     21.28     29.79

 ALL       21        26        47
       100.00    100.00    100.00
        44.68     55.32    100.00
        44.68     55.32    100.00

  CELL CONTENTS --
                  COUNT
                  % OF COL
                  % OF ROW
                  % OF TBL
```

```
MTB > TABLE C28 BY C39; SUBC> COUNT; SUBC> COLP; SUBC> ROWP; SUBC> TOTP.

 ROWS: RELEVANC      COLUMNS: GRADUATE

              1         2       ALL

 1            2         2         4
          9.52      7.69      8.51
         50.00     50.00    100.00
          4.26      4.26      8.51

 2            3         1         4
         14.29      3.85      8.51
         75.00     25.00    100.00
          6.38      2.13      8.51

 3            8        15        23
         38.10     57.69     48.94
         34.78     65.22    100.00
         17.02     31.91     48.94

 4            8         8        16
         38.10     30.77     34.04
         50.00     50.00    100.00
         17.02     17.02     34.04

 ALL         21        26        47
        100.00    100.00    100.00
         44.68     55.32    100.00
         44.68     55.32    100.00

  CELL CONTENTS --
                    COUNT       % OF COL       % OF ROW     % OF TBL

MTB > TABLE C29 BY C39; SUBC> COUNT; SUBC> COLP; SUBC> ROWP; SUBC> TOTP.

 ROWS: EVALUATN      COLUMNS: GRADUATE

              1         2       ALL

 2            0         1         1
             --      3.85      2.13
             --    100.00    100.00
             --      2.13      2.13

 3           13        15        28
         61.90     57.69     59.57
         46.43     53.57    100.00
         27.66     31.91     59.57

 4            8        10        18
         38.10     38.46     38.30
         44.44     55.56    100.00
         17.02     21.28     38.30


 ALL         21        26        47
        100.00    100.00    100.00
         44.68     55.32    100.00
         44.68     55.32    100.00
```

```
 CELL CONTENTS --
                    COUNT     % OF COL     % OF ROW     % OF TBL

MTB > TABLE C30 BY C39; SUBC> COUNT; SUBC> COLP; SUBC> ROWP; SUBC> TOTP.


ROWS: TEACHING      COLUMNS: GRADUATE

           1         2       ALL

 2         1         2         3
      4.76      7.69      6.38
     33.33     66.67    100.00
      2.13      4.26      6.38

 3         8        14        22
     38.10     53.85     46.81
     36.36     63.64    100.00
     17.02     29.79     46.81

 4        12        10        22
     57.14     38.46     46.81
     54.55     45.45    100.00
     25.53     21.28     46.81


ALL       21        26        47
    100.00    100.00    100.00
     44.68     55.32    100.00
     44.68     55.32    100.00

 CELL CONTENTS --
                    COUNT       % OF COL          % OF ROW          % OF TBL

MTB > TABLE C31 BY C39; SUBC> COUNT; SUBC> COLP; SUBC> ROWP; SUBC> TOTP.


ROWS: FLEXIBIL      COLUMNS: GRADUATE

           1         2       ALL

 1         0         2         2
        --      7.69      4.26
        --    100.00    100.00
        --      4.26      4.26

 2         0         2         2
        --      7.69      4.26
        --    100.00    100.00
        --      4.26      4.26

 3        11         7        18
     52.38     26.92     38.30
     61.11     38.89    100.00
     23.40     14.89     38.30


 4        10        15        25
     47.62     57.69     53.19
     40.00     60.00    100.00
     21.28     31.91     53.19
```

(CONTINUED)

```
             1         2       ALL

ALL         21        26        47
         100.00    100.00    100.00
          44.68     55.32    100.00
          44.68     55.32    100.00

 CELL CONTENTS --
                    COUNT       % OF COL       % OF ROW      % OF TBL
```

```
MTB > TABLE C32 BY C39; SUBC> COUNT; SUBC> COLP; SUBC> ROWP; SUBC> TOTP.
```

```
 ROWS: INDPROJ      COLUMNS: GRADUATE

             1         2       ALL

 1           2         0         2
          9.52        --      4.26
        100.00        --    100.00
          4.26        --      4.26

 2           1         4         5
          4.76     15.38     10.64
         20.00     80.00    100.00
          2.13      8.51     10.64

 3           8         3        11
         38.10     11.54     23.40
         72.73     27.27    100.00
         17.02      6.38     23.40

 4          10        19        29
         47.62     73.08     61.70
         34.48     65.52    100.00
         21.28     40.43     61.70

ALL         21        26        47
         100.00    100.00    100.00
          44.68     55.32    100.00
          44.68     55.32    100.00

 CELL CONTENTS --
                   COUNT
                   % OF COL
                   % OF ROW
                   % OF TBL
```

```
MTB > TABLE C33 BY C39; SUBC> COUNT; SUBC> COLP; SUBC> ROWP; SUBC> TOTP.

ROWS: AGE      COLUMNS: GRADUATE

              1         2       ALL

23            2         0         2
           9.52        --      4.26
         100.00        --    100.00
           4.26        --      4.26

24            4         0         4
          19.05        --      8.51
         100.00        --    100.00
           8.51        --      8.51

26            2         0         2
           9.52        --      4.26
         100.00        --    100.00
           4.26        --      4.26

28            1         0         1
           4.76        --      2.13
         100.00        --    100.00
           2.13        --      2.13

29            1         0         1
           4.76        --      2.13
         100.00        --    100.00
           2.13        --      2.13

30            2         0         2
           9.52        --      4.26
         100.00        --    100.00
           4.26        --      4.26

31            1         1         2
           4.76      3.85      4.26
          50.00     50.00    100.00
           2.13      2.13      4.26

32            0         1         1
             --      3.85      2.13
             --    100.00    100.00
             --      2.13      2.13

33            0         2         2
             --      7.69      4.26
             --    100.00    100.00
             --      4.26      4.26

34            0         1         1
             --      3.85      2.13
             --    100.00    100.00
             --      2.13      2.13

35            1         2         3
           4.76      7.69      6.38
          33.33     66.67    100.00
           2.13      4.26      6.38
```

(CONTINUED)

	1	2	ALL
36	2	2	4
	9.52	7.69	8.51
	50.00	50.00	100.00
	4.26	4.26	8.51
37	2	3	5
	9.52	11.54	10.64
	40.00	60.00	100.00
	4.26	6.38	10.64
38	0	1	1
	--	3.85	2.13
	--	100.00	100.00
	--	2.13	2.13
39	1	0	1
	4.76	--	2.13
	100.00	--	100.00
	2.13	--	2.13
40	0	1	1
	--	3.85	2.13
	--	100.00	100.00
	--	2.13	2.13
42	0	4	4
	--	15.38	8.51
	--	100.00	100.00
	--	8.51	8.51
43	0	1	1
	--	3.85	2.13
	--	100.00	100.00
	--	2.13	2.13
44	0	3	3
	--	11.54	6.38
	--	100.00	100.00
	--	6.38	6.38
45	0	1	1
	--	3.85	2.13
	--	100.00	100.00
	--	2.13	2.13
48	0	1	1
	--	3.85	2.13
	--	100.00	100.00
	--	2.13	2.13
52	1	0	1
	4.76	--	2.13
	100.00	--	100.00
	2.13	--	2.13

(CONTINUED)

```
          1          2        ALL

54        0          1          1
         --       3.85       2.13
         --     100.00     100.00
         --       2.13       2.13


57        1          0          1
      4.76         --       2.13
    100.00         --     100.00
      2.13         --       2.13

58        0          1          1
         --       3.85       2.13
         --     100.00     100.00
         --       2.13       2.13

ALL      21         26         47
    100.00     100.00     100.00
     44.68      55.32     100.00
     44.68      55.32     100.00

  CELL CONTENTS --
                 COUNT       % OF COL       % OF ROW       % OF TBL
```

```
MTB > TABLE C34 BY C39; SUBC> COUNT; SUBC> COLP; SUBC> ROWP; SUBC> TOTP.
```

```
  ROWS: SEX      COLUMNS: GRADUATE

            1          2        ALL

  1         0          4          4
           --      15.38       8.51
           --     100.00     100.00
           --       8.51       8.51

  2        21         22         43
       100.00      84.62      91.49
        48.84      51.16     100.00
        44.68      46.81      91.49

  ALL      21         26         47
       100.00     100.00     100.00
        44.68      55.32     100.00
        44.68      55.32     100.00

    CELL CONTENTS --
                   COUNT
                   % OF COL
                   % OF ROW
                   % OF TBL
```

```
MTB > TABLE C36 BY C39; SUBC> COUNT; SUBC> COLP; SUBC> ROWP; SUBC> TOTP.

 ROWS: ETHNIC      COLUMNS: GRADUATE

              1         2       ALL

 2            1         1         2
          4.76      3.85      4.26
         50.00     50.00    100.00
          2.13      2.13      4.26

 4            6         4        10
         28.57     15.38     21.28
         60.00     40.00    100.00
         12.77      8.51     21.28

 7           13        20        33
         61.90     76.92     70.21
         39.39     60.61    100.00
         27.66     42.55     70.21

 8            1         1         2
          4.76      3.85      4.26
         50.00     50.00    100.00
          2.13      2.13      4.26

 ALL         21        26        47
        100.00    100.00    100.00
         44.68     55.32    100.00
         44.68     55.32    100.00

 CELL CONTENTS --
                    COUNT        % OF COL      % OF ROW      % OF TBL

MTB > TABLE C37 BY C39; SUBC> COUNT; SUBC> COLP; SUBC> ROWP; SUBC> TOTP.

 ROWS: EMPLYER     COLUMNS: GRADUATE

              1         2       ALL

 1            1         0         1
          4.76        --      2.13
        100.00        --    100.00
          2.13        --      2.13

 4            2         0         2
          9.52        --      4.26
        100.00        --    100.00
          4.26        --      4.26

 5            1         2         3
          4.76      7.69      6.38
         33.33     66.67    100.00
          2.13      4.26      6.38
```

```
              1         2       ALL

  6           1         2         3
          4.76      7.69      6.38
         33.33     66.67    100.00
          2.13      4.26      6.38

  7           3         2         5
         14.29      7.69     10.64
         60.00     40.00    100.00
          6.38      4.26     10.64

  8          10        20        30
         47.62     76.92     63.83
         33.33     66.67    100.00
         21.28     42.55     63.83

 10           3         0         3
         14.29        --      6.38
        100.00        --    100.00
          6.38        --      6.38

 ALL         21        26        47
        100.00    100.00    100.00
         44.68     55.32    100.00
         44.68     55.32    100.00

  CELL CONTENTS --
                    COUNT
                    % OF COL
                    % OF ROW
                    % OF TBL

MTB > TABLE C40 BY C39; SUBC> COUNT; SUBC> COLP; SUBC> ROWP; SUBC> TOTP.

  ROWS: CONCNTRN      COLUMNS: GRADUATE

              1         2       ALL

  1           2        26        28
          9.52    100.00     59.57
          7.14     92.86    100.00
          4.26     55.32     59.57

  2          10         0        10
         47.62        --     21.28
        100.00        --    100.00
         21.28        --     21.28

  3           9         0         9
         42.86        --     19.15
        100.00        --    100.00
         19.15        --     19.15

 ALL         21        26        47
        100.00    100.00    100.00
         44.68     55.32    100.00
         44.68     55.32    100.00

  CELL CONTENTS --
                    COUNT          % OF COL       % OF ROW      % OF TBL

MTB > NOOUTFILE
```